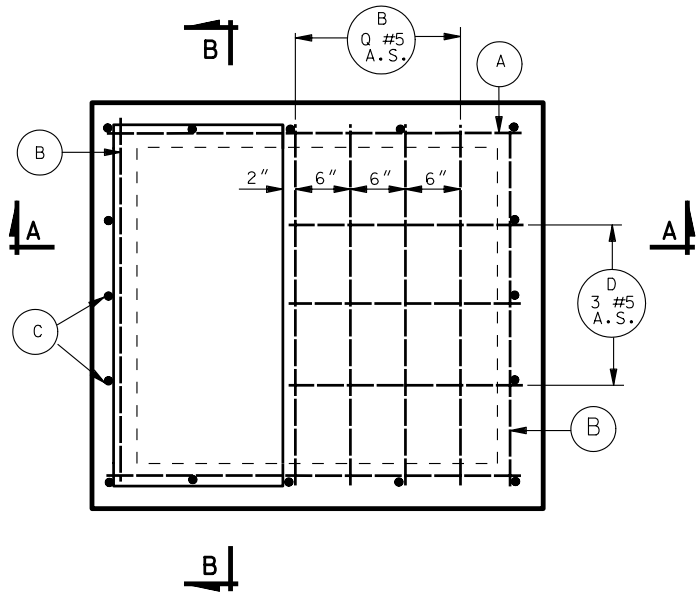
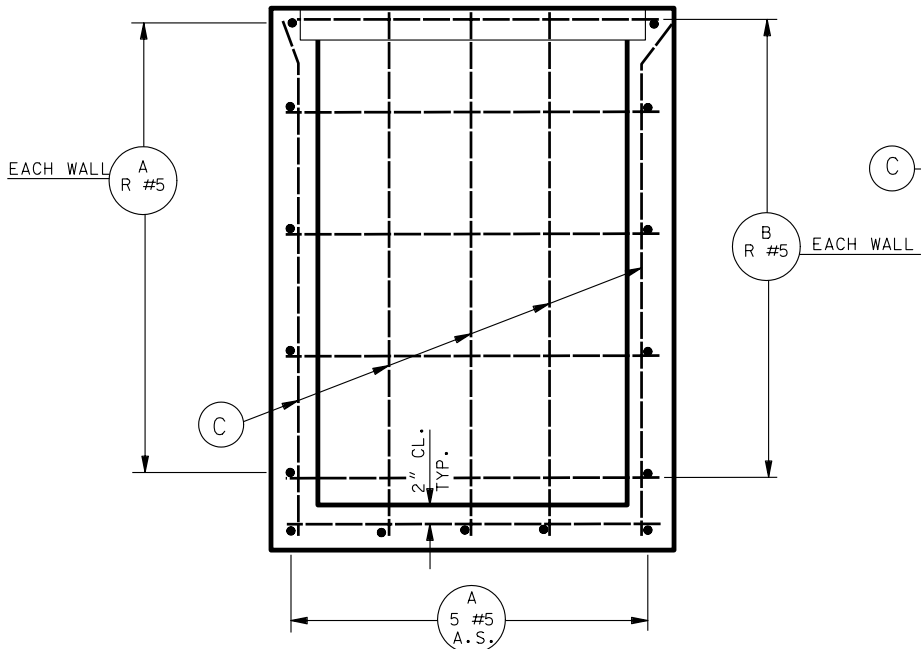


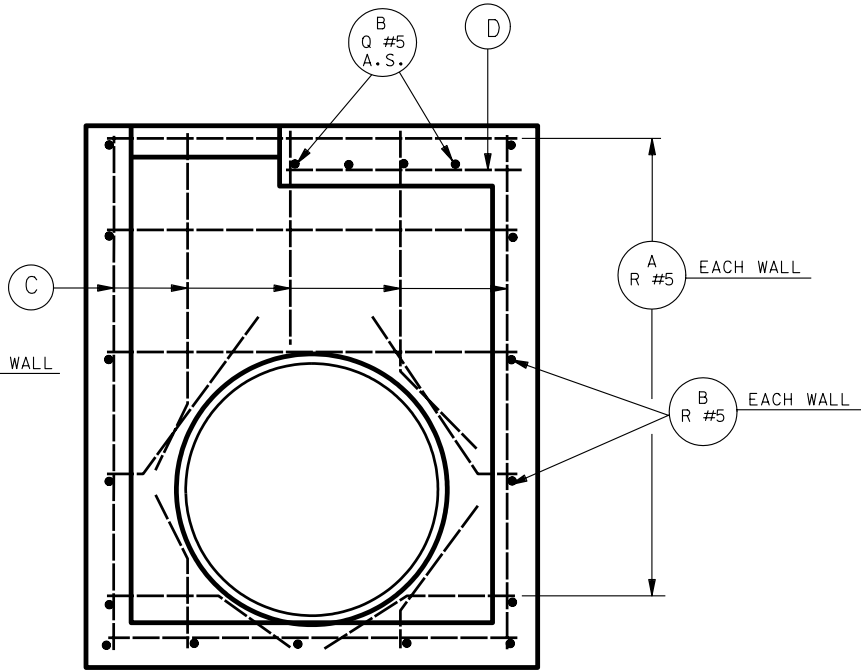
PLAN BOTTOM SLAB



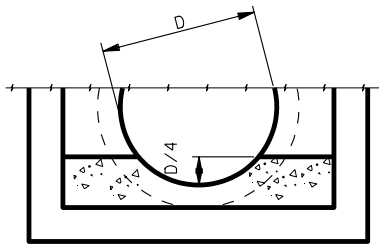
PLAN TOP SLAB



SECTION B-B



SECTION A-A



FORMED INVERT

NOTES

1. FORM THE BOTTOM SLAB OF THE BOX TO FIT THE INVERT OF THE PIPE(S) WHEN SO REQUIRED ACCORDING TO THE DETAIL SHOWN ON THIS SHEET. SEE TABLE 3 ON STD DWG 9C AND CB 9D FOR ADDITIONAL CONCRETE QUANTITIES.
2. DEDUCT CONCRETE DISPLACED BY PIPE(S) FROM THOSE CONCRETE QUANTITIES GIVEN IN SCHEDULE OF INSTALLATION TABLE 1 ON STD DWG CB 9C AND CB 9D.
3. WHEN FORMED INVERT IS REQUIRED, SEE TABLE 3 ON STD DWG CB 3 AND CB 4 FOR ADDITIONAL CONCRETE QUANTITIES.
4. FIELD CUT AND BEND REINFORCING STEEL AS NECESSARY TO CLEAR PIPE(S) AND MAINTAIN 2 INCHES MINIMUM CLEARANCE.
5. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE OUT TO OUT OF BARS.
6. WEIGHT QUANTITIES FOR GRATE AND FRAME AND SOLID COVER AND ARE SHOWN FOR INFORMATION ONLY.
7. SEE STD DWG CB 9 FOR DIMENSIONS.
8. PIPE DIAMETERS SHOWN IN TABLES AND SCHEDULE ARE INSIDE DIAMETERS.
9. MAXIMUM PIPE DIMENSIONS SHOWN IN SCHEDULE IN INSTALLATION ARE FOR PIPES PERPENDICULAR TO WALLS OF BOX, DETERMINE CLEARANCES FOR SKEWED PIPES.
10. SEE STD DWG GF 6 FOR MANHOLE STEP DETAILS.
11. ALL REINFORCING BARS TO BE #5 BARS @ 12" UNLESS OTHERWISE SHOWN.
12. WHEN SOLID COVER IS REQUIRED ADD 0.023 CU.YDS. CONCRETE TO THOSE QUANTITIES GIVEN IN SCHEDULE OF INSTALLATION AND 3" TO EACH D-BAR, AND 1.0 LB. TO REINFORCING STEEL QUANTITIES.

UTAH DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

RECOMMENDED FOR APPROVAL  
CHAIRMAN STANDARDS COMMITTEE  
APPROVED  
DEPUTY DIRECTOR

STANDARD CATCH BASIN  
AND CLEANOUT BOX  
SECTION DETAILS

STD DWG  
CB 9B

STANDARD DRAWING TITLE

REMARKS

DATE

DATE

DATE

DATE

DATE